

2 - 7 - 05

382



PATENT
Attorney Docket No. 030449

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Zhang, et al. :
:
Group Art Unit: 1626 : Title: NEW FLUOROUS TAGGING AND
: SCAVENGING REACTANTS AND
Serial No.: 10/617,431 : METHODS OF SYNTHESIS AND
: USE THEREOF
Filing Date: July 11, 2003 :

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Pittsburgh, Pennsylvania 15222
February 4, 2005

Mail Stop Amendment
Commissioner for Patents
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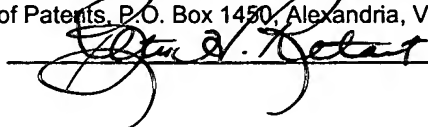
Sir:

Applicants, in accordance with their duty of disclosure pursuant to 37 C.F.R.
§ 1.56, hereby advise the United States Patent and Trademark Office of the references
listed on the accompanying form PTO/SB/08A (substitute for 1449A/PTO) *Information
Disclosure Statement by Applicant*. A copy of each of the non-U.S. patent references cited
therein is herewith enclosed. The enclosed references were cited in the International
Search Report for the corresponding PCT application.

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Applicants note that although the cited references may be relevant to the examination of the above-referenced application, under 37 C.F.R. § 1.97(h), the filing of this *Information Disclosure Statement* "shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56(b)." Applicants further note that the filing of this *Information Disclosure Statement by Applicant* is not an admission that the references cited herein constitute prior art under 35 U.S.C. §§ 102-103 with respect to the captioned application.

Pursuant to 37 C.F.R. § 1.97(b)(3), Applicants submit that no fee is necessary for consideration of this *Information Disclosure Statement by Applicant*. Nevertheless, the Commissioner is hereby authorized to charge any additionally required fees deemed necessary for consideration of this *Information Disclosure Statement by Applicant* to Account No. 11-1110.

Respectfully submitted,

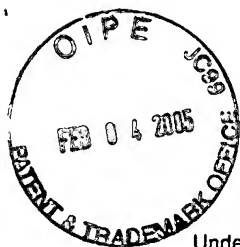
A handwritten signature in black ink, appearing to read 'Joseph L. Kent', is written over a horizontal line.

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PTO/SB/08A (10-01)

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/617,431
				Filing Date	07/11/03
				First Named Inventor	Wei Zhang
				Art Unit	1626
				Examiner Name	
Sheet	1	of	3	Attorney Docket Number	030449

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		GB 1,143,481	02/19/1969	Minnesota Mining		
		DE 1925555 with Derwent English abstract	01/28/1971	Walter Blöchl		
		GB 1269096	03/29/1972	Ugine Kuhlmann		
		English Abstract of JP 62205350	09/09/1987	Konishiroku Photo Industry Co., Ltd.		
		EP 0 248 697 A1 with Derwent English abstract	12/09/1987	ATOCHEM		
		English Abstract of JP 62278551	12/03/1987	Konica Co.		
		EP 0 354 297 A1	02/14/1990	Mitsui Toatsu Chemicals, Inc.		
		EP 0 468 531 A1	01/29/1992	Fuji Photo Film Co.		
		English Abstract of JP 07207021	08/08/1995	Tomoegawa Paper Co. Ltd.		
		WO 98/25916	06/18/1998	C&C Research Laboratories		
		WO 01/61332 A1	08/23/2001	University of Pittsburgh		

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		Art Unit	1626		
Examiner Name					
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NON PATENT LITERATURE DOCUMENTS			
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		International Search Report from PCT/US03/21686, International Filing Date 11/07/2003, Fluorous Technologies	
		KISS, et al., "An improved design of fluorophilic molecules: prediction of the In P fluorous partition coefficient, fluorophilicity, using 3D QSAR descriptors and neural networks"; Journal of Fluorine Chemistry, 108 (2001) 95-109.	
		KLEIJN, et al., "Synthesis of Arylzinc Thiolates Containing Perfluoroalkyl Chains. Model Catalyst Precursors for the Enantioselective Zinc-Mediated 1,2-Addition of Dialkylzincs to Aldehydes in Fluorous Biphasic Systems"; Organic Letters, (1999), Vol. 1(6), 853-855.	
		SCHWINN, et al., "Perfluoro-Tagged Benzyloxycarbonyl Protecting Group and Its Application in Fluorous Biphasic Systems"; Helvetica Chimica Acta, Vol. 85 (2002), 255-264.	
		FILIPPOV, et al., "Use of benzyloxycarbonyl (Z)-based fluorophilic tagging reagents in the purification of synthetic peptides"; Tetrahedron Letters, 43 (2002) 7809-7812.	
		CURRAN, et al., "Synthesis and Reactions of Fluorous Carbobenzyloxy (F ⁺ Cbz) Derivatives of α -Amino Acids"; Journal of Organic Chemistry, (2003), 68, 4643-4647.	
		BROWN, et al., "Preparation of N-1,1-di-H-perfluoroalkyl Amines"; Journal of Organic Chemistry, (1957), 22, 454.	
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		BILLARD, et al., "Reactivity of Stable Trifluoroacetaldehyde Hemiaminals. 2. Generation and Synthetic Potentialities of Fluorinated Iminiums"; J. Org. Chem., (2002), 67, 997-1000.	
		LINDSLEY, et al., "Fluorous-tethered quenching reagents for solution phase parallel synthesis"; Tetrahedron Letters, 43 (2002) 4225-4228.	

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		TRABELSI, et al., "Synthèse de glycosides et de nucléosides F-alkylés"; Journal of Fluorine Chemistry, 56 (1992) 105-107.	
		JOUANI, et al., "Synthèse des isocyanates de 2-F-alkyléthyle"; Journal of Fluorine Chemistry, 56 (1992) 85-92.	
		LINDSLEY, et al., "Fluorous-tethered amine bases for organic and parallel synthesis: scope and limitations", Tetrahedron Letters, 43 (2002) 6319-6323.	
		ZHANG, et al., "Fluorous electrophilic scavengers for solution-phase parallel synthesis", Tetrahedron Letters, 44 (2003) 2065-2068.	

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